

METHOD AND APPARATUS FOR TREATING A WASTE GAS
CONTAINING FLUORINE-CONTAINING COMPOUNDS

ABSTRACT OF THE DISCLOSURE

5 The improved apparatus for treatment of a waste gas
containing fluorine-containing compounds comprises solids
treating means 1 for separating the solids from a waste gas
containing fluorine-containing compounds, addition means
for adding H_2 and/or H_2O or H_2 and/or H_2O and O_2 as a
decomposition assist gas to the waste gas leaving the solids
10 treating means, thermal decomposing means 3 that is packed
with γ -alumina 2 heated at $600 - 900^\circ C$ and which thermally
decomposes the waste gas to which the decomposition assist
gas has been added, acidic gas treating means 5 for removing
acidic gases from the thermally decomposed waste gas, and
15 channels for connecting these means in sequence. The
apparatus preferably includes air ejector 7 capable of
adjusting its internal pressure.